

63-18508

Constantinesco, N., Thorner, Th., Birzu, N.,
Zavate, O., and Pencea, I.
ROLE OF KILLED TUBERCLE BACILLI IN THE
PATHOGENESIS OF SO-CALLED "ALLERGIC"
ENCEPHALOMYELITIS INDUCED BY BRAIN EXTRACT
PLUS FREUND'S ADJUVANTS (Role des Bacilles
Tuberculeux Tués dans la Pathogenie de l'Encephalo-
myelite dite Allergique, Provoquee par de l'Extrait Cere-
bral Additionne avec des Adjuvants de Freund). [1963]
6p 18refs
Order from SLA \$1.10

63-18508

Trans. of Institut Pasteur [Paris]. Annales (France)
1959, v. 96, p. 79-92.

DESCRIPTORS: *Mycobacterium tuberculosis,
*Allergy, *Encephalitis, Etiology, Brain, Tissue
extracts.

(Biological Sciences--Pathology, TT, v. 10, no. 10)
(over)

1. Title: Freund's
Adjuvants
- I. Constantinesco, N.
- II. Horner, T.
- III. Birzu, N.
- IV. Zavate, O.
- V. Pencea, I.

Office of Technical Services

Immunologic Studies on the Activating Factor
in Rheumatoid Arthritis, by G. M Moustardier,
Ch. Dulong de Rosnay, P. Du Pasquier, 11 pp.

FRENCH, per, Annales Institut Pasteur,
Vol XCVI, No 3, 1959, pp ~~828-838~~ 289-294.

SIA 60-18660

199, 682

Sci
Jun 62

Vol 4, No 12

Presence in Anti-Bacterial Sera of Anti-Globulinic Factors Resembling Those of Rheumatoid Arthritis, by A. Eyquem, N. Guyot-Jeannin, L. Podliachouk, 15 pp.

FRENCH, per, Annales Institut Pasteur,
Vol XCVI, No 3, 1959, pp 295-302.

SLA 60-18659

199, 686

Sci
Jun 62

Vol 4, No 12

Immunological Study on Salmonellas. V. The Role
of Certain Sugars, in Particular the 3-6
Didesoxyhexoses, in the Specificity of Kauffmann-
White O Antigens, by A. M. Staub, R. Tinelli,
O. Luderitz, O. Westphal, 43 pp.

FRENCH, per, Annales de l'Institut Pasteur,
Vol XCVI, No 3, 1959, pp 303-332.

NIH 8-27

Sci - Med
Sep 59

95, 485

Research on the Immunization of Sheep Against
Staphylococcal Mastitis, by J. Pillet, O. Girard,
H. Dutheil, 5 pp.

FRANCE, per, Annales de l'Institut Pasteur, Vol XCVI,
No 3, 1959, pp 365-388. 9089539

AEC MF Tr-882

Sci - Med
Jul 62

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Staphylococcal Mastitis in Sheep and Local
Immunization, by J. Pillet, O. Gorard, H. Duthail,
12 pp.

FRENCH, per, Ann Inst Pasteur, Vol XCVI, 1959,
pp 591-600.

AEC HP Tr-878

Sci - Med Biol
Jul 62
List 70

204, 741

63-16514

I. Chabbert, Y.

Chabbert, Y.
DEVELOPMENT OF BACTERIAL POPULATIONS
RESISTANT UNDER THE INFLUENCE OF ANTI-
BIOTICS (Evolution des Populations Bactériennes
Résistantes sous l'Influence des Antibiotiques). [1963]
14p.

Order from SLA \$1.60

63-16514

Trans. of Institut Pasteur, Paris, Annales (France)
1959, v. 97 [no. 1] p. 41-52.

DESCRIPTORS: *Tolerances (Physiology), Bacteria,
*Antibiotics, Drugs.

(Biological Sciences--Microbiology, TT, v. 10, no. 8)

Office of Technical Services

**Relationships Between the Fixing of a
Bacteriophage and the Physico-Chemical
State of the Bacterial Surface, by J.**

Dirix.

**FRENCH, per, Annales de l'Institut Pasteur,
Vol 97, 1959, pp 485-547.
Chem Trans Sv 2591**

319,963

**Sci - Biological and Medical Sciences
Mar 67**

Tetanus Toxin, by A. Turpin, M. Raynaud.

FRENCH, per, ~~XXX~~ Annales de l'Institut Pasteur,
Vol XCVII, 1959, pp 718-732.

NIH 1-27-63

Sci - Mol-Med Sci

May 63

232, 256

Contribution to the Study of Antigen 'O' Complex of
Vibrios, by J. Gallut.

FRENCH, per, Annales Institut Pasteur, Paris,
Vol IX 99, No 1, 1960, pp 28-55.

INSDOC/T 4538

Sci
Jan 63

Demonstration of the Latent Ectromelia
Infection in the Mouse in Cultures of the
Hela Cell Strain, by G. Barski, Fr. Cornefert,
11 pp.

FRENCH, per, ~~I Annales Institut Pasteur~~,
Vol XCIII, No 1, 1960, pp 112-118.

SLA 60-17662

Sci
Vol IV, No 8
15 May 62

196, 049

Factors in Viral Development and Their Role in
the Evolution of Infection, by A. Lwoff,
M. Lwoff, 17 pp, and 12 Atch.

FRENCH, per: Ann Inst Pasteur, Vol XCVIII, No 2.
1960, pp 173-1203.

NIH 11-19-61

179.327

Sci - Med

Jan 62

Printed at the Government Printing Office,
New Orleans, by J. Moore, Jr., Printer, 519

MEMORANDUM, 1964, Ann Inst. Pasteur, Vol XXXVIII, No 5,
pp 310-315.

US Army Biological Laboratories

Gen. - Blau, and Eri

412.63

234, 528

An Investigation of the Etiology of Acute
Inflammations of the Upper Respiratory Tract
in Infants. Description of Two Epidemic
Outbreaks, Due to Infection by a Type 2
Poliovirus Virus Respectively, by
A. Felici, A. Ginevri, 5 pp.

FRENCH, par, Annales de l'Institut Pasteur,
Vol. XXVIII, No 35, 1960, pp 229-235.

MIN 12-16-62

Sci - Med
Feb 63

222,488

Bio Lab T-505-1

R-7995-D

24 Feb 67

Milieux et modalites de culture adaptes a la reanimation
et a la multiplication in vitro de mycobacterium
tuberculosis de vitalite reduite, de viabilite ephemere
ou en etat de quiescence

By: Coletso

From: Ann. Inst. Pasteur 99:475-95, 1960 (21 pp)

Italian - est for wds:

Please translate and type 1 camera ready copy.
Document can be cut.

Immunoelectrophoretic Analysis of Normal
Human Serum. VI. Electrophoretic Mobilities,
by P. Grabar, J. Uriel, J. Courçon, 9 pp.

FRENCH, par, Annales de l'Institut Pasteur,
Vol. II, No 1, 1960, pp 13-27.

199

NR 3-2-62

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Sci - Med

June 62

Mechanism of the Antibacterial Effect
of Colistin, by J. C. Patte, Y. A. Chabbert,
et al, 13 pp.
FRENCH, per, Annales Institut Pasteur,
Vol C, No 4, 1961, pp 32-43.
SLA TT 64-18699

Jan 67317,484

Lajudie, P. de.
APPLICATION OF DIFFUSION METHODS TO
COLISTIN (Application a la Colistine des Methodes de
Diffusion). [1963] 6p. 13 refs.
Order from SLA \$1.10

63-16508

Trans. of Inst[itut] Pasteur [Paris], Ann[ales] (France)
1961, v. 100, Apr. Suppl, p 71-76.

DESCRIPTORS: *Colimycin, Biological assay, Anti-
biotics, Drugs, *Diffusion.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

63-16508

I. Lajudie, P. de

Office of Technical Services

Nephelometric Determination of Colistin, by
S. Leclercq, 7pp.

FRENCH, par, Annales Institut Pasteur, Vol. ^C ~~11~~,
No 4, 77-83.

SLA 63-16513

Sci-Biol. & Med Sci
Jan 64

248,427

63-16511

Chabbert, Y. and Courtieu, A.-L.
**SENSITIVITY TO ANTIBIOTICS OF PSEUDOMONAS,
ACHROMOBACTER AND "BSW-BACTERIUM
ANITRATUM"** (La Sensibilité aux Antibiotiques des
Pseudomonas, *Achromobacter* and "BSW-Bacterium
Anitratum"). [1963] 15p. 41 refs.
Order from SLA \$1.60

63-16511

Trans. of Inst[itut] Pasteur, Paris. Ann[ales] (France)
v. 100, no. 6, suppl. p. 100-113.

DESCRIPTORS: *Sensitivity, *Antibiotics, Bacteria,
*Pseudomonas, *Eubacteriales, Tolerances
(Physiology).

From a therapeutic standpoint, *Pseudomonas*, BSW,
B. anitratum, *Moraxella twoffi* and *M. Glucidiolytica* are
sensitive to antibiotics of the polymyxin family. Among
them *Colistia methanesulfonate*, of slight toxicity, is
capable of having an important therapeutic effect. All
(Biological Sciences--Pharmacology. TT; v. 10, no. 7)
(over)

- I. Title: Bacterium
anitratum
I. Chabbert, Y.
II. Courtieu, A.-L.

Office of Technical Services

Soloviev, V. D. and Semenov, B. F.
THE INFLUENCE, ON THE ANTIGENIC CHARACTERISTICS OF TYPE I POLIOMYELITIS VIRUS, OF PROLONGED IN VITRO CULTURE ON MONKEY KIDNEY CELLS. [1962] 6p. (tables, refs. omitted).
Order from SLA \$1.10 62-16234

Trans. of Institut Pasteur, Paris. Annales (France)
1961, v. 100 [no. 6] p. 805-811.

DESCRIPTORS: *Poliovirus, *Antigens, Primates, Kidneys, Cells (Biology), *Vaccines.

(Biological Sciences--Pathology, TT, v. 9, no. 2)

62-16234

I. Soloviev, V. D.
II. Semenov, B. F.

Office of Technical Services

Characterization of the Cholinesterases and of
Other Carboxyesterases After Gel Electrophoresis
and Gel Immuno-Electrophoresis, by J. Uriel,
16 pp.

FRENCH, per, Ann Inst Pasteur, Vol CI, No 1,
1961, pp 104-119.

NIH 4-15-62
OTS - 77-63-20865
199, 811

Sci - Med

Jun 62

63-16509

I. Cluzel, R.
II. Michel, J.

Cluzel, R., Michel, J. and others.
COMPARATIVE STUDY OF THE BACTERICIDAL
EFFECT OF ANTIBIOTIC COMBINATIONS OF
COLISTIN BASE ON ENTEROBACTERIACEAE AND
PSEUDOMONADACEAE (Etude Comparée de l'Effet
Bactéricide des Associations d'Antibiotiques à Base
de Colistine sur les Entérobactériacées et Pseudo-
monadacées). [1963] 7p. 16 refs.
Order from SLA \$1.10

63-16509

Trans. of Institut Pasteur [Paris]. Ann[ales]
(France) 1961, v. 101, no. 2, p. 203-210.

DESCRIPTORS: *Antibiotics, Bactericides, Drugs,
*Colimycin, *Enterobacteriaceae, *Pseudomonadaceae.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

Office of Technical Services

METHODOLOGICAL NOTES ON THE THERMOSENSITIVITY OF
VIRAL DEVELOPMENT, BY A. LWOFF, M. LWOFF, 4 PP.

FRENCH, PER, ANN INST PASTEUR, VOL C1,
NO 3, 1961, PP 313-317.

NIH 7-7-62.

SCI - MED

OCT 62

213,053

Immunological Study of β_2 -Macroglobulin in
the Sera of Patients With African T.
Gambian Trypanosomiasis, by
P. Mattern.
FRENCH, per, Annales de l'Institut Pasteur,
Vol CI, No 3, 1961, pp 382-388.
NIH 10-46-64

Sci - Biol & Med Sci
Aug 65

284.374

Effect of Colistin and Polymyxin on
Pasteurella Pestis "In Vitro": Effect of
Colistin on Experimental Mouse Plague,
by A. Dodin. E. R. Brygoo.
FRENCH, Annales Inst Pasteur Vol C, No 4,
1961, pp 84-88.
SLA TT-64-18678

Oct 66

312,151

Studies of Hypogammaglobulinemia in Germfree Animals,
by E. Sæquist, R. Vargues, et al.

FRENCH, per, ~~Annales de l'Institut Pasteur, 1961~~
Vol CI, 1961, pp 703-721.

NIH 3-39-63

Sci - Biol/Med Sci

Jul 63

235,634

Difficulties D'Application de la Chromatograph-
ic en Phase Gazeuse a L'Identification des
Bacteries, by Fontanges G. Blandenet, and
R. Quergnec, 13 pp.

FRENCH, per. Annales De L'Institut Pasteur,
Vol 112, 1962, pp 10-23.

ACSI-K-0251

Nov 71

Lipid Nature of the Substances Responsible for
the Hemolytic Activity of Myxovirus Parainfluenzae
(Sendai Virus), by G. Rebel, R. Fontages, et al.

FRENCH, per, Annales de l'Institut Pasteur,
Vol. CII, No 2, 1962, pp 137-152.

III 2-16-63

Sci - Biol/Med Sci

May 63

231,998

Cayeux, Ph.
IMMUNOLOGICAL STUDY OF THE PRECIPITATING
ANTIGEN SPECIFIC FOR STREPTOCOCCUS PYOGENES
(GROUP A) TYPE 24 (Etude Immunologique de
l'Antigène Précipitant Spécifique du Type 24 de Strep-
tococcus Pyogenes (Group A)). [June 63] 8p. 8 refs.
Order from SLA \$1.10 63-18799

Trans. of Inst(itut) Pasteur (Paris). Annales (France)
1962, v. 103, July, p. 24-31.

DESCRIPTORS: *Immunology, *Antigens and antibodies,
*Streptococcus, Biological specificity.

"Protein M" was prepared from streptococcus group A,
type 24 by different techniques of extraction at 100° C.
This "protein M" is composed of a mixture of chemi-
cally different substances and contains several anti-
genic sites. (Author)
(Biological Sciences--Pathology, TT, v. 10, no. 12)

63-18799

I. Cayeux, P.

Office of Technical Services

Effects of Phosphorus 32 Disintegrations Incorporated
in Yeast *Saccharomyces Cerevisiae*. 1 - Induction of a
Mutation Resistant to the Lethal Effect of X-Rays, by
E. Moustacchi, H. Marcovich, 31 pp.
FRENCH, per, Annales de L'Institute Pasteur, Vol CIII,
1962, pp 841-865.

NIH 12-13-63

Sci - Biol & Med
FWB:Keb 64

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Cytological Manifestations of the Infections of KB
Cell With Parainfluenza I Myxovirus (Sendai Virus),
by G. Demont, A. Barikloff, et al.

FRENCH, per, Annales de l'Institut Pasteur,
Vol CIV, 1963, pp 25-42.

NIH 6-40-63

Sci - Biol/Med Sci

Aug 63

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Indirect Immunofluorescence and the
Complement Fixation Reaction with
Leptospira Icterohaemorrhagiae, by
J. Pillot, et al.
FRENCH, per, Ann Inst Pasteur, Vol 104,
1963, pp 137-141.
HEW NII-9-13-65

Sci/DBM
Oct 65

290,514

Hemagglutination by Certain Types of ECHO Viruses.
1 - Study on Some Properties of the Hemagglutinins,
by G. Gaudin, A. M. Barral, 22 pp.
FRENCH, per, Annales de L'Institut Pasteur, Vol CIV,
1963, pp 313-334.

NIH 12-16-63

Sci - Biol & Med
Feb 64

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Neuraminidase Activity of Myxovirus Influenzae A and B and Myxovirus Parainfluenzae I (Sendai Virus) on the Mucopolysaccharide of the Bovine Submaxillary Gland: Effect on Viscosity, by L. Colobert, R. Fontanges, 11 pp.
FRENCH, per, Annales de l'Institut Pasteur, Vol CIV, 1963, pp 734-745.
NIH 6-22-64

Sci - Biol & Med
Aug 64

264,291

Application of the Immunofluorescence Technique
to the Diagnosis of Pneumopathy due to Eaton's
Mycoplasma, by J. Thivolet.
FRENCH, per. Ann Inst Pasteur (Paris), Vol 105,
1963, pp 749-756.
HEW NIH
4-25-68

Sci/B & M
June 68

358,329

Specificity of the Anti-RNA Antibodies, by
E. Barbu, 20 pp.
FRENCH, per, Annales de l'Institut Pasteur,
Vol CV, No 5, 1963, pp 849-865.
NIH 4-25-64

Sci - Biol & Med
Jul 64

262,179

Qualitative and Quantitative Studies
of the Intestinal Flora in Man, by
H.P.R. Seeliger, et al.
FRENCH, per, Ann Inst Pasteur, No 105,
1963, pp 911-936.
NIN 1-2-65

Sci-BQM
Aug 65

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ABL T-332-1 *Neg* R-5416-D
Immunoelectrophoretic Studies on Pasteurella Pestis,
by A. Dodin, L. Ramiaremanana et al, Annales de
l'Institut Pasteur 106, 1964, pp 236-248, 13 pp

French

R-6049-I
15 Oct 65

Mistants a petites plages du virus sindbis

By: J. Arno Hannon & P. Ardoin

From: ANNALES DE L'INSTITUT PASTEUR 107 pp (6 pp)
598-603, 1964

French - est for us:

Type an original copy only. Document can be cut.

Research on the Kinetics of the Complement
Fixation Reactions, by R. Vargues.
FRINCH, per, Ann Inst Pasteur , 108:2, 196-204,
1965.
Dept HEW, NIH, 8-29-65

Sci-Biol & Med
Oct 65

290,310

Benign Bacillus of Cervical Adenitis in the
Guinea Pig, by R. Vincent, 1/4 pp.
FRENCH, per, Ann Inst Pasteur, pp 529-541.
Dept of Navy 5429/MCS No 2019

Sci-MAM
Jul 67

331,433

Semi-Automatic Processing of Analog Records
(Application to Magnetograms), by R. Schlich
and M. Palamares.
FRENCH, per, Annales de l'Institut de Physique
du Globe, Vol XXXIV.
Dept of Navy/ AFL/JNS TS 230-T528

Sci-Electronics
Nov 67

344,018

A New Method of Measuring the True Specific
Heat of Nonmetallic Materials, by L. Bouchrol,
43 pp.

FRENCH, per, Ann Inst Polytech Grenoble, No
4, 1952, pp 187-209.

SLA Tr 57-2746

Sci

68,346

Jul 58

Biological Structure and Characteristics of a
Still Untyped Small Virus, by L. Archetti.
ITALIAN, per, Ann Ist Super Sanita, Vol 1, 1965,
pp 103-106.
NEW NIH 8-15-66

Sci/B&M
Dec 66

314,750

Welded Rigid Joints Compared to Riveted Connections,
by M. Schmid, 11 pp.

FRENCH, per, Ann. Inst. Tech. Batiment Et Trav.
Publ, Vol I, No 3, May-Jun 1936.

S.L.A. Tr 57-172

Sci - Engineering
May 57

47,790

Prestressed Concrete Pipes For Fluids Under
Pressure, by A. Guerin. UNCLASSIFIED

FRENCH, per ^{Inst} Inst Tech du Batiment et des
Travaux Publiques, Circ Ser, No 12, 1943.

DSIR/32187/CT

Sci - Engr,
Oct 58

75,740

61-20092

Guyon, M. Y.

A STUDY OF CONTINUOUS BEAMS AND OF SOME
STATICALLY REDUNDANT SYSTEMS IN PRE-
STRESSED CONCRETE. Mar 51, [116]p. 32 refs.
Order from SLA \$9.60 61-20092

1. Title: Prestressed concrete
1. Guyon, M. Y.

Trans. from *Institut Technique du Bâtiment et des
Travaux Publics*, Paris. Circulaire serie J [sic]
(France) 1945, no. 8.

DESCRIPTORS: *Concrete, *Beams, Pressurè,
Structures, Mathematical analysis.

(Materials, TT, v. 7, no. 7)

Office of Technical Services

Creep Tests, Tests on Wood and Tests on
Plywood, by M. J. Campredon, 8 pp.

Journal
FRENCH, per, Inst Techn du Batiment et
des Travaux Publics, No 23, 1947.

NRCC-C-3188

Sci
Mar 62
Vol IV, No 2

188,837

A New Method for Studying Relaxation Phenomena in Steel Wires, by M. G. Dawance, 16 pp.

FRENCH, per, Ann Inst Tech Batiment et Travaux Public, No 9, Feb 1948, pp 1-8. (loan copy only)

SLA 57-2791

Sci
Aug 58

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Practical Method for the Calculation of Loads
in Intermittent Heating, by R. Cardiergues,
et al.

FRENCH, per, Annales Inst Technique
du Batiment et des Travaux Publics, Vol V,
No 51, 1952.

CHIRO

211, 324

Sci - Phys
Aug 62

Dubrisay, Rene.
**PHYSICO-CHEMICAL STUDIES ON THE AGEING OF
 WATER-PROOFING BITUMENS** (Etudes Physico-
 Chimiques sur le Vieillissement des Bitumes
 d'Etanchéité). [1963] [18p] 17refs
 Order from SLA \$1.60

TT-64-10007

Trans. of Institut Technique du Bâtiment et des
 Travaux Publics [Paris]. Annales (France) 1952
 [v. 5, no. 51, p. 585-590]. (Abstract available)

DESCRIPTORS: *Moistureproofing. *Bitumens.
 *Aging (Materials); Oxidation; Polymerization;
 Making. *Protective treatments. *Tells.

The aging of waterproofing bitumens is related, in all
 probability, to the phenomena of oxypolymerization.
 In the course of oxidation reactive acids in par-
 ticular are formed, more exactly acids whose alkaline
 salts are hygroscopic. The elevation of the softening
 (Materials, TT, v. 11, no. 5) (over)

TT-64-10007

I. Dubrisay, R.

Office of Technical Services

Experimental Dimensioning of Structures, by
Mamuel Rocha, 7 p.

FRECHON, per *Minat Technique de Batiment et des
Travaux Publics, Annales, 1952, Vol V, No (CCXXIV),
pp 9-12, Sect. EIB.*

SLA 59-17925

Sci
Mar 60
Vol 3, No 1

110,897

Measurement of Earth Pressures by Means of the Flat
Jack Test, by P. Habib, R. Marchand, 18 pp.

FRENCH, per, Annales de l'Institut Technique du
Batiment et des Travaux Publics, serie: Sols et
fondations, Vol X, No 58, 1952, pp 966-971.

S.L.A. Tr 454/1956

Wur - France
Scientific - Engineering

36,592

Measurement of Earth Pressures in the Iron-Ore Mines
of Eastern France, by M. E. TinceIn, 60 pp.

FRENCH, par, Annales de l'Institut Technique du Bati-
ment et des Travaux Publics, Serie: Soils et Fondations
Vol X, No 78, 1972, pp 972-990.

S.L.A. Tr 550/56

Sci - Geophysics

37,412

Aug 1956

SLA 3327

The Landslides of Sainte-Adresse Cliff, by M. H.
Buisson, 41 pp.

FRENCH, par, Ann. Inst. Tech Batiment et Trav. Publ,
Vol V, No 59, pp 1131-1146. 1952

Sci - Meteorology
Apr 57

S.L.A. Tr No 1850

SLA 3384
46,899

EXX

Early Life of Concrete: Linear Variations During the First Day, by M. K. Thiel.

FRENCH, per, Institut Technique du Batiment et des Travaux Publics, Annales, No 13(154), 1954, pp 1002-1007 GB/114/0887

**Sci - Chem
Apr 64**

253,339

The Utilization of Tidal Energy, by M. Vantroys,
24 pp.

FRENCH, bk. Ann Inst Tech Batiment et Trah Publ,
1955, pp 320-336.

ABC ENCL/T/R-72

Sci - Geophys

Sep 59

96,332

The Air Permeability of Windows and Doors in
Inhabited Premises. Report on a Method of
Studying its Influence on Heating, by A.
Fascal.

FRENCH, per, Ann Inst Tech Natiment et Trav
Publ, 1956, 103-104; 693-698.

Metl Res Council, Canada
TT No 709

Sci - Engr

Mar 60

111, 276

The Air Permeability of Windows and Doors in Inhabited Premises. Report of a Method of Studying its Influence on Heating, by A. Pascal, 19 pp.

FRENCH, per, Ann Inst Tech Batiment et Trav Publ, (103-104), 1976, pp 693-698.

SLA 58-610

Sci

Aug 59

95, 225

Thermo-cinosis, by P. HADIL.

FRENCH, per, Ann Inst. Tech. Batiment et Trav
Publ, No 110, 1957, pp 130-136.

Natl Res Council, Canada
TR No 708

Sci - Chem

Mar 60

111,277

Investigating Deformation by Means of
Gratings, by P. Dantu,
FRUMENCH, per, Annales Institut Technique du
Batiment et des Travaux Publics, No 121, 1958,
pp 78-87.
CEGB 3089

Sci - Engr
Apr 64

255,118

Dantu, P.
USE OF ARRAY LINES FOR DEFORMATION
STUDIES. [1963] 51p
Order from SLA \$5.60

TT-63-20617

Trans. of Institut Technique du Bâtiment et des
Travaux Publics [Paris]. (Annuaire [France] 1958
[v. 11] no. 121, p. 78-98. (Abstract available)

DESCRIPTORS: *Concrete, Creep, Plasticity,
*Deformation, Metals, Plastics, Photographic
analysis, Optics.

Details are given of a method for visualizing plasticity
and creep in concrete materials by the utilization of
the moiré effect.

(Materials, TT, v. 11, no. 3)

TT-63-20617

1. Title: Moiré effects
1. Dantu, P.

Office of Technical Services

Marquise Nuclear Centre Prestressed Concrete
Shields for Reactors G2 and G3, by Jean
Bellier, Max Tournasse.

FRENCH, per, Ann. Inst. Tech. Intiment et Trav.
Publ., 1959, 20 pp. *July/aug*

Expt 139

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Sci - Nucl Sci

Apr 63

226,789

Robert, M. E., Lebel, M. P. and others.
PRESTRESSED CONCRETE RESERVOIR AT
ORLEANS (WITH DISCUSSION). [1961] 40p.
Order from SLA \$3.60

61-18989

Trans. from Institut Technique du Batiment et des
Travaux Publics, Paris. Annales (France) 1959,
v. 12] no. 57.

DESCRIPTORS: *Concrete, Water supplies, *Struc-
tures, Design, Construction, Materials, *Dams.

(Engineering--Civil, TT, v. 7, no. 1)

61-18989

1. Title: Prestressed concrete
- I. Robert, M. E.
- II. Lebel, M. P.

Office of Technical Services

61-20561

Brice, L. P. and Chefdeville, J.
FIRE RESISTANCE OF A REINFORCED CONCRETE
BUILDING: OBSERVATIONS RECORDED AFTER THE
FIRE AND REPAIR OF DAMAGE. [1961] [21]p.
(12 figs. omitted).

Order from SLA \$2.60

61-20561

Trans. from Institut Technique du Bâtiment et des
Travaux Publics. Paris: Annales (France) 1959
[no. 144].

DESCRIPTORS: *Reinforced concrete, *Buildings,
Construction, France, Structures, Refractory mate-
rials, *Fires, Countermeasures, Resistance, Sand,
Glass, Concrete, Beams.

(Engineering--Civil, TT, v. 7, no. 2)

I. Brice, L. P.
II. Chefdeville, J.

Office of Technical Services

Peltier, R.
PRESTRESSED CONCRETE ROADS: TESTS AND
FUTURE PROSPECTS. [1961] [25]p. 1 ref.
Order from SLA \$2.60

61-18983

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vaux Publics [Paris]. Annales (France) 1960, v. 12,
no. 145, Suppl. p. 15-28.

DESCRIPTORS: *Concrete, Construction, Maintenance,
Tests, *Roads, *Pavements, Creep, Buckling, Defor-
mation, *Reinforced concrete, Beams, *Runways,
*Materials, Stresses, Surfaces.

(Engineering--Civil, TT, v. 6, no. 12)

61-18983

1. Peltier, R.

Office of Technical Services

R-842

Recherches recentes sur le gal des materisux
de consturctionnet leurs consequences pratiques,
by M. R. Berthier

FRENCH, per, Supplement to Annales de L'Institut
Technique du Batiment et des Travaux Public,
Vol III, No 153, Sept 60, pp 986-1000

*JPRS/Dept of the Interior
Bureau of Reclamation
Bldg 53, Denver Federal Cntr.
Denver 25, Colorado

Mar 62

Vironnaud, L.
THE EARLY STAGES OF CONCRETE (Le Premier
Age du Beton) tr. by D. A. Sinclair. Mar 62, 39p.
7 refs. NRCC Technical trans. 1019.
Order from NRCC \$2.00 NRCC C-3979

Trans. of Institut Technique du Bâtiment et des Travaux
Publics. Annales (France) 1960 (v. 12) no. 154,
p. 1003-1016.

DESCRIPTORS: *Concrete, Exposure, Ventilation,
Fracture (Mechanics), Coatings, Construction mate-
rials industry, *Cements, *Mortar, Modeling, Test
methods

(Materials, TT, v. 8, no. 7)

62-22907

I. Vironnaud, L.
II. NRCC TT-1019
III. NRCC C-3979
IV. National Research
Council of Canada

Office of Technical Services

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Adam, A.
A STUDY OF EXPOSED REINFORCED CONCRETE
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Apparent) tr. by D. A. Sinclair. Nov 61, 27p.
NRCC Technical trans. 993.
Order from NRCC \$1.50

NRCC C-3857

Trans. of Institut Techn[ique] du Bâtiment et des
Travaux Publics [Paris. Annales (France) 1961,
no. 159/160, p. 377-388.

DESCRIPTORS: *Reinforced concrete, Construction,
Buildings, Civil engineering, *Tiles, Cements,
Binders.

(Materials, TT, v. 7, no. 9)

- I. Adam, A.
- II. NRCC TT-993
- III. NRCC C-3857
- IV. National Research Council
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Office of Technical Services

Research on Plaster Applied by Gunning, by M.
Foucault.
FRENCH, per, Annls Inst. tech. Batim, Vol 14,
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GB 21/LC. 1297

Sci -
Jul 67

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Studies With Structural Models Conducted at the
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Research Administration of Electricite de France,
by H. M. Beaujoint.
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Nov 1961, pp 1220-1236. 9233393
AEC ORNI-tr-1229

Sci/Electronics
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Evolution of Concrete in Setting Influence
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Types of Concrete Work, by Claude Caron.
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nique du Batiment et des Travaux Publics,
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The Mechanical Properties of Freshly Mixed
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Sci-~~RESEARCH~~ Mech
Feb 70

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Sci -
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Benign Tumors of the Epididymis, by A. Scalfi, 11 pp.
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SLA 57-1671

Sci - Medicine
Mar 58

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Navarra, S., Peria, G., and Cicala, G.
ADVANTAGES OF HYPOTHERMIA IN ANIMALS
MAINTAINED IN HYPERCAPNIA DURING THE
FREEZING PROCESS (Vantaggi della Ipotermizza-
zione di Animali Mantenuti in Ipercapnia Durante il
Raffreddamento) tr. by Tatiana Boldyreff. 10 Dec 59,
26p. (refs., tables, 23 figs. omitted).
Order from OTS or SLA \$2.60 60-15151

Trans. of Annali Italiani di Chirurgia, 1956, v. 33
[no. 2] p. 172-193.

DESCRIPTORS: *Hypothermia, *Hypercapnia,
*Freezing, Body fluids, Heart arrest.

(Biological Sciences--Surgery, TT, v. 8, no. 3)

60-15151

- I. Navarra, S.
- II. Peria, G.
- III. Cicala, G.
- IV. Naval Medical School,
Bethesda, Md.

5-15-62

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X Experimental Research on Plastic Repair of
Total Diaphragmatic Eventration With Perio-
steal Transplants, by F. Baldrati, R.
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1957, pp 117-143.

NIN 2-27

OTS 59-10346

Sci - Med

Mar 59

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Functional and Anatomic Findings With Regard to the
Lymphatic Circulation of the Upper Extremity as
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13 pp. *di*

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Vol XXVII, 1960, pp 383-393.

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SLA 63-20201

Sri - Mol & Med
Sep 63

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62-16803

Carlsson, C. Georg and Rynninger, R[oland].
ELECTRICAL AGGREGATES FOR THE PRODUCTION
OF LIGHT IN SPECTRAL ANALYSIS. [1962] 18p.
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Order from SLA \$1.60

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Trans. of Jernkontoret [Stockholm]. Annaler (Sweden)
1947 [v. 131, no. 1] p. 1-25.
Another trans. is available from SLA m\$2.40.
ph\$3.30 as 60-18679 [May 47] 20p.

DESCRIPTORS: *Spectrum analyzers, Lighting
equipment, Electrical equipment, *Electric discharges,
Sparks, *Light.

(Physics--Spectroscopy, TT, v. 9, no. 3)

I. Carlsson, C. G.
II. Rynninger, R.

Office of Technical Services

Calculation of Rolling-Pressure at Cold-Rolling
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13 p.

SWEDISH, per, Annaler Jernkontorut, 1953, Vol CXXXVII
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SLA 59-20564

Sci
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Vol 3, No 1

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62-18289

Wranglen, Gosta.

THE REACTIVITY OF CARBON ELECTRODES AND
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INHIBITORS. [1962] [24]p. 91 refs.
Order from SLA \$2.60

62-18289

Trans. of Jerkontorets [Stockholm]. Annaler (Sweden)
1958, v. 142, no. 10 [p. 611-637].

DESCRIPTORS: Chemical reactions, *Electrodes,
*Carbon, Combustion, Inhibition, Catalysis, Alkali
metal compounds, Metallic compounds, *Oxidation
inhibitors, Boric acids, Fire resistant coatings, *In-
organic substances, *Catalysts.

For measuring the reactivity, a simple apparatus was
used, which consisted essentially of a vertical tube
furnace with a free chimney draft. Using this furnace,
cylindrical specimens of carbon were burnt in air for
10 min. The results showed that alkali salts, such as
(Chemistry, TT, v. 9, no. 6) (over)

1. Wranglen, G.

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Wallquist, Gunnar. GRAPHIC ROLL GROOVING. [1962] 11p. (figs. [formulae] omitted). Order from SLA \$1.60 Trans. of <u>Jernkontoret</u> (Stockholm). <u>Annalen</u> (Sweden) 1948, v. 132 [no. 2] p. 27-41. Another trans. is available from SLA m\$2.40, ph\$3.30 as 60-18665 [Nov 48] 13p. DESCRIPTORS: *Rolling mills, Mechanical working, Material forming, Numerical analysis, *Steel industry. (Metallurgy, TT, v. 9, no. 9)	63-10041 I. Wallquist, G. Office of Technical Services
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Sci - Biology
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A Study of the Microclimate of a Store in
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Vol XI, No 2, 1956, pp 199-225.

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Sci - Biol, food preservation
Oct 58

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Control Measures Against *Pachymerus Acaciae* Gyll-
Ovicidal Tests With Insecticidal Dusts, by J. P. P.
Amaro.

PORTUGUESE, per, Ann Jta Miss Geogr Lisboa, Vol XI,
No 2, 1956, pp 229-242.

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Sci - Biology, Chem
Mar 58

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Comparative Toxicity of 'Dowfume' EB-5' and Carbon
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A. J. S. de Gouveia.

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Sci - Chem
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{ Commonwealth Acoustic Lab.
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Erosion of the Bed Downstream From an Outlet,
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Sci-B&H
May 65

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Concerning the Endolymphatic Movements the Course
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Sci/B&M
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Toward a General Theory of Elastic Equilibrium
Equations for an Isotropic Body. Part I.,
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Scientific - Mathematics

Jun 53 CTS/DEPX

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Sci/Mathematical Sci
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Existence and Uniqueness of the Integrals
 of a Partial Differential Equation of the
 Form $X_1(x_1, \dots, x_n) \frac{\partial z}{\partial x_1} + \dots + X_n$

$$(x_1, \dots, x_n) \frac{\partial z}{\partial x_n} = f(x_1, \dots, x_n, z).$$

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Vol XLVI, 1958, pp 97-107.

9698707

RSIC-469

Sci-Math
 Mar 66

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Application of the Method of Light Hill for
Construction of Straight Transonic Fluxes
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Sci-Phys
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Asymmetric Elasticity, by G. Griolo.
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Applicata, Series 4, Vol 50, 1960, pp 389-417.
NTC-71-12545-20K

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Nov 71